

## CLAIMS

1. A GPS receiver having an omnidirectional antenna and a  
5 directional antenna characterised by the GPS receiver being configured to:  
(i) acquire a first GPS signal from the output of the directional antenna,  
either alone or combined with the output of the omnidirectional antenna,  
and  
(ii) acquire a second GPS signal from the output of the omnidirectional  
10 antenna alone.
2. A GPS receiver according to claim 1 wherein the second GPS  
signal is acquired using assistance data obtained from the first GPS signal.
- 15 3. A GPS receiver according to claim 1 packaged for sale with  
instructions directing a user of the GPS receiver to point the GPS receiver in a  
direction from which a GPS signal is most likely to be acquired.
4. A GPS receiver having an omnidirectional antenna and a  
20 directional antenna characterised by the GPS receiver being configured to  
acquire a GPS signal from the output of the directional antenna alone.